OIPE IAP40 JAN 19 2006 PATENT & TRADEMARK OFFICE

FIG.1

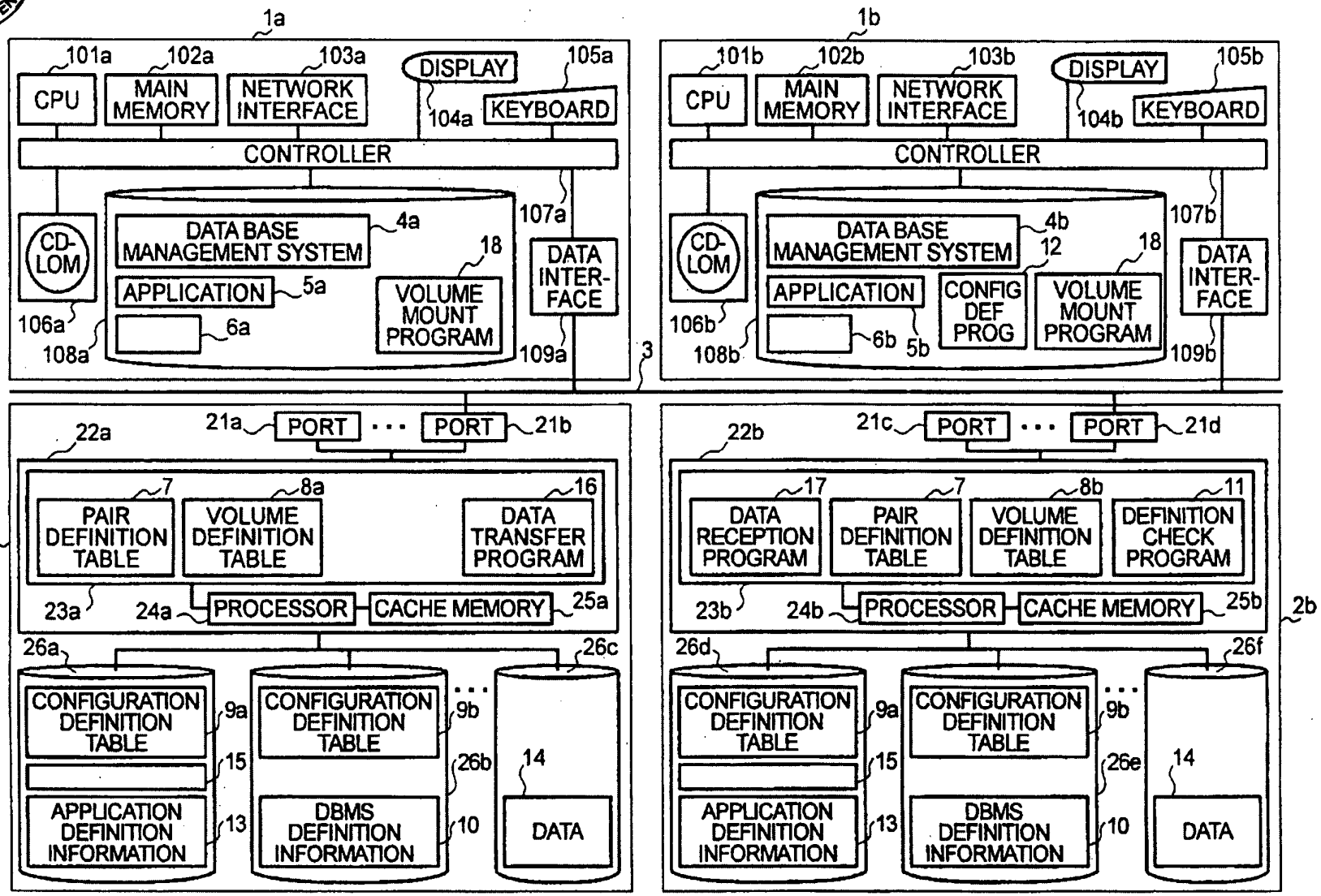


FIG.2

7 / GROUP NAME	201 / PAIR NAME	202 / PRIMARY PORT NAME	203 / PRIMARY LU NAME	204 / SECONDARY PORT NAME	205 / SECONDARY LU NAME	206 / STATE	207
G1	P1	PORT 21b	LU0	PORT 21d	LU0	ACTIVE	208a
G1	P2	PORT 21b	LU1	PORT 21d	LU1	ACTIVE	208b

FIG.3

8a

305 PORT NAME	301 LU NAME	302 DRIVE NAME	303 EMULATION TYPE	306 SIZE	
PORT 21b	LU0	DISK DRIVE 26a	NONE	100MB	304a
PORT 21b	LU1	DISK DRIVE 26b	RAID1	200MB	304b
PORT 21b	LU1	DISK DRIVE 26c	RAID1	200MB	304c

8b

305 PORT NAME	301 LU NAME	302 DRIVE NAME	303 EMULATION TYPE	306 SIZE	
PORT 21d	LU0	DISK DRIVE 26d	NONE	100MB	304d
PORT 21d	LU1	DISK DRIVE 26e	RAID1	200MB	304e
PORT 21d	LU1	DISK DRIVE 26f	RAID1	200MB	304f

FIG.4

9a

401 MOUNT DESTINATION	402 STORAGE CAPACITY	403 EMULATION TYPE	
/AP/vol1	100MB	NONE	404a

9b

401 MOUNT DESTINATION	402 STORAGE CAPACITY	403 EMULATION TYPE	
/DB/vol1	200MB	RAID1	404b

FIG.5

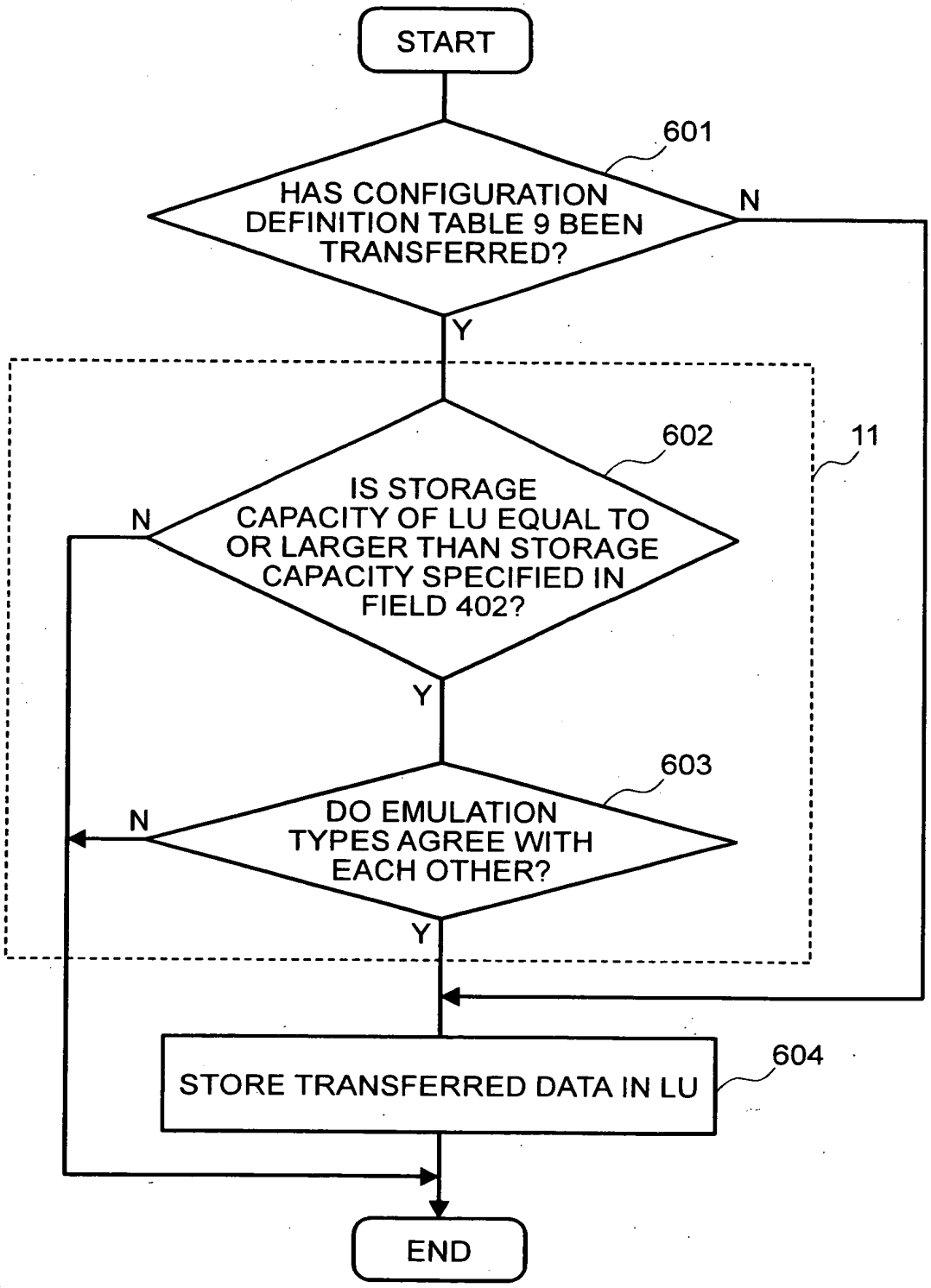

START
601
HAS CONFIGURATION DEFINITION TABLE 9 BEEN TRANSFERRED?
N
Y
11
602
IS STORAGE CAPACITY OF LU EQUAL TO OR LARGER THAN STORAGE CAPACITY SPECIFIED IN FIELD 402?
N
Y
603
DO EMULATION TYPES AGREE WITH EACH OTHER?
N
Y
604
STORE TRANSFERRED DATA IN LU
END

FIG.6

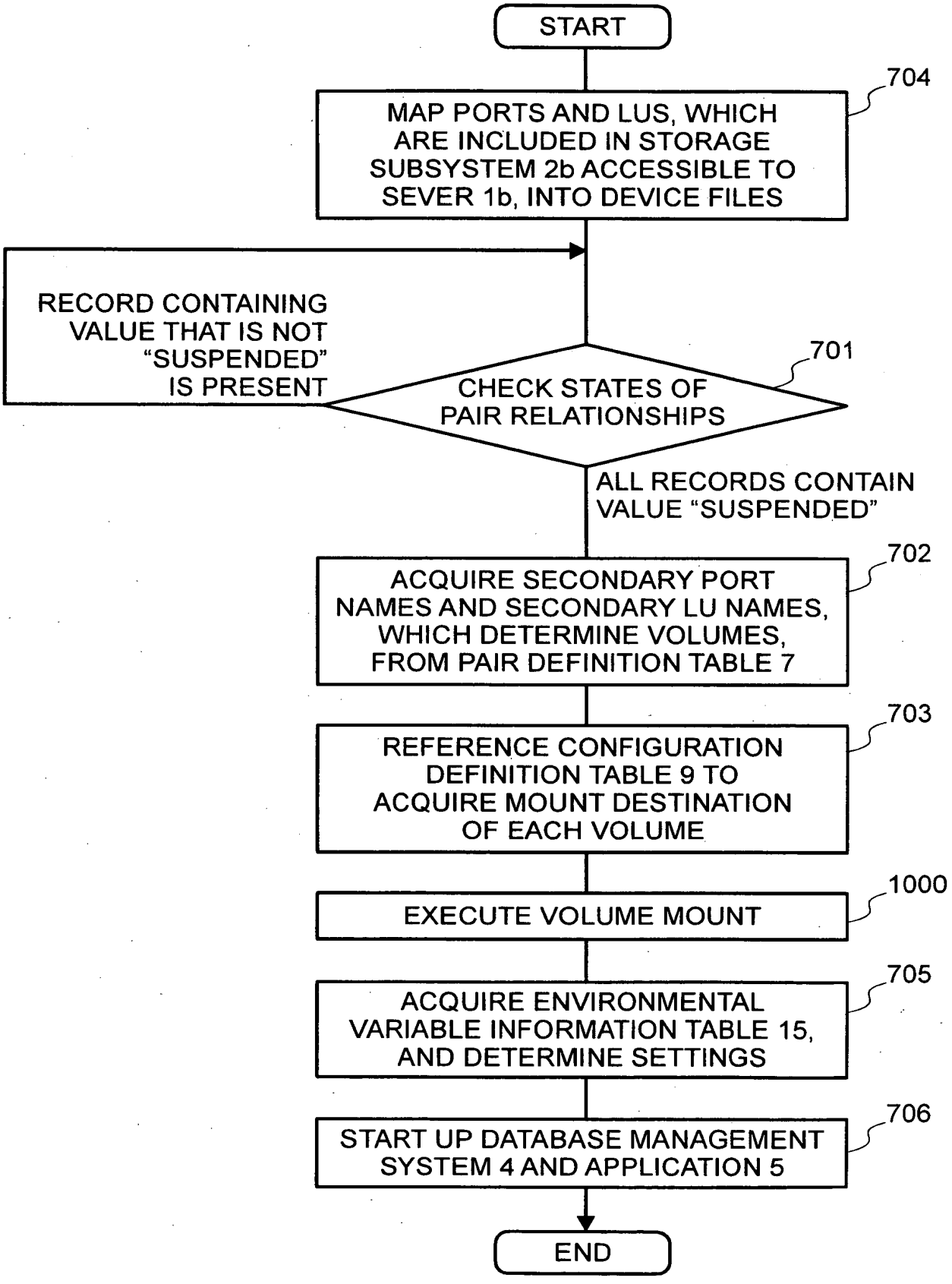

START
704
MAP PORTS AND LUS, WHICH ARE INCLUDED IN STORAGE SUBSYSTEM 2b ACCESSIBLE TO SEVER 1b, INTO DEVICE FILES
RECORD CONTAINING VALUE THAT IS NOT "SUSPENDED" IS PRESENT
701
CHECK STATES OF PAIR RELATIONSHIPS
ALL RECORDS CONTAIN VALUE "SUSPENDED"
702
ACQUIRE SECONDARY PORT NAMES AND SECONDARY LU NAMES, WHICH DETERMINE VOLUMES, FROM PAIR DEFINITION TABLE 7
703
REFERENCE CONFIGURATION DEFINITION TABLE 9 TO ACQUIRE MOUNT DESTINATION OF EACH VOLUME
1000
EXECUTE VOLUME MOUNT
705
ACQUIRE ENVIRONMENTAL VARIABLE INFORMATION TABLE 15, AND DETERMINE SETTINGS
706
START UP DATABASE MANAGEMENT SYSTEM 4 AND APPLICATION 5
END

FIG.7

7

201 GROUP NAME	202 PAIR NAME	203 PRIMARY PORT NAME	204 PRIMARY LU NAME	205 SECONDARY PORT NAME	206 SECONDARY LU NAME	207 STATE	
G1	P1	PORT 21b	LU0	PORT 21d	LU0	SUSPEND	208a
G1	P2	PORT 21b	LU1	PORT 21d	LU1	SUSPEND	208b

FIG.8

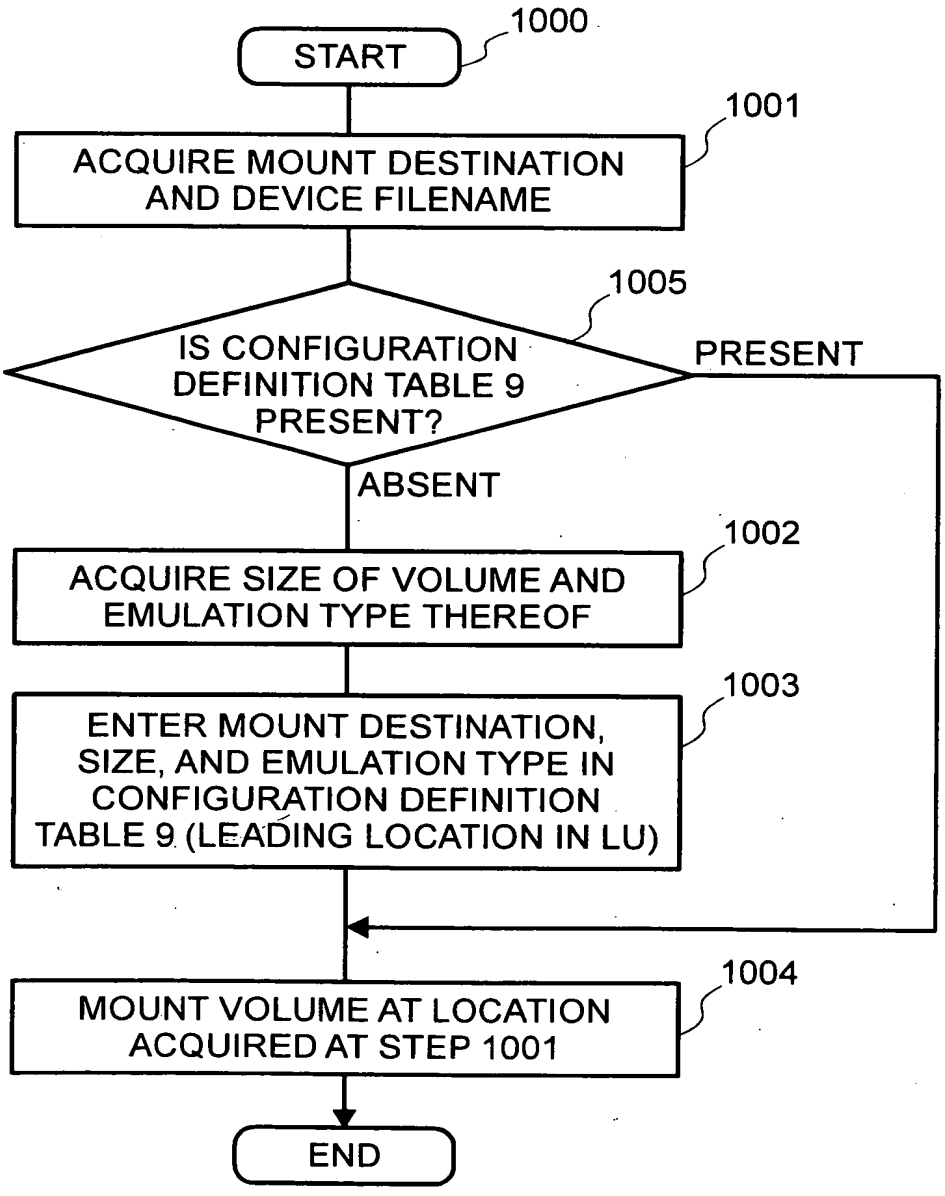


FIG.9

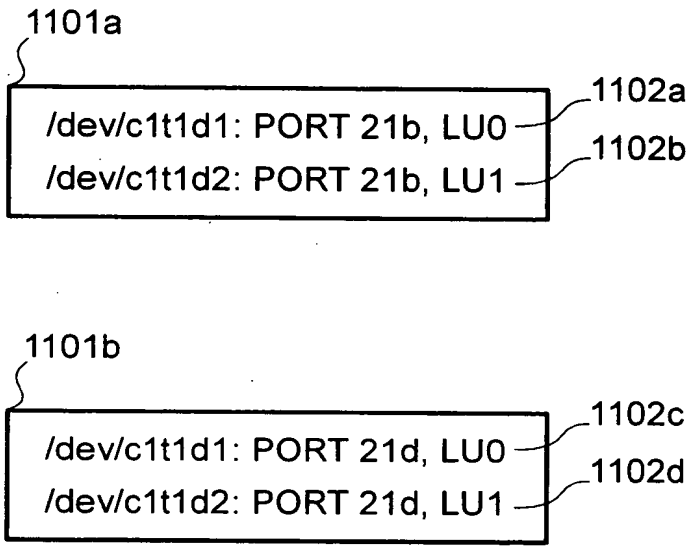
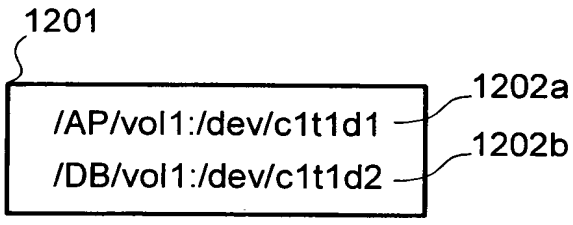

1101a
/dev/c1t1d1: PORT 21b, LU0
/dev/c1t1d2: PORT 21b, LU1
1102a
1102b
1101b
/dev/c1t1d1: PORT 21d, LU0
/dev/c1t1d2: PORT 21d, LU1
1102c
1102d

FIG.10


1201
/AP/vol1:/dev/c1t1d1
/DB/vol1:/dev/c1t1d2
1202a
1202b